

DaimlerChrysler AG

Patent claims

- 5 1. A punch for producing holes in the wall of hollow parts subjected to the action of internal high pressure and accommodated in a mold, it being possible for the punch to be pushed from the mold wall into the mold interior space, characterized in that the punch (1) is
10 designed so as to taper at an angle toward the cutting edge (3) in its region plunging into the part (2) to be punched.
2. The punch as claimed in claim 1, characterized in
15 that the punch (1), in its initial position, is arranged in the mold in such a way that the cutting edge (3) is set back relative to the mold inner wall.
3. The punch as claimed in claim 1 or 2, characterized
20 in that the angle of taper is greater than 0° and is at most 30° .